

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-04 14:58:30  
 Date of Next Testing: 2027-03-03 14:58:30  
 Product Name: **5,10,15,20-Tetrakis(3,5-dimethoxyphenyl)porphyrin**  
 CAS Number: 74684-34-7  
 Specifications & Purity:  $\geq 95\%$   
 Lot #: B23241225  
 SKU #: **T123126**  
 Version: **4**  
 Analysis #: **131606**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                               | Limit Values                                      | Result                                            |
|-------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Nitrogen by Elemental Analysis                                          | 6.2-6.9 (%)                                       | 6.44700 %                                         |
| Carbon by Elemental Analysis                                            | 68.7-77.4 (%)                                     | 72.73700 %                                        |
| Absorbance(E1%1cm)(CH <sub>2</sub> Cl <sub>2</sub> , 418.0 to 422.0 nm) | $\geq 5500$                                       | 6525.77000                                        |
| Appearance (T123126)                                                    | Purple to Dark Purple Powder or Crystal or Chunks | Purple to Dark Purple Powder or Crystal or Chunks |
| NMR Spectrum 1H                                                         | Conforms to Structure                             | Conforms to Structure                             |
| Infrared spectrum                                                       | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager